

B2  
direction to the film plane by exchange-coupling force from the first and fourth magnetic layers.

14. (New) The magnetoresistive film according to claim 13, wherein said Co is present in amounts from 20 to 90 atomic percent.

15. (New) A MRAM comprising a plurality of magnetoresistive films each of which is provided according to claim 13.

---

REMARKS

The claims are 1-9 and 12-15 with claims 1 and 13 being independent.

Claim 3 was amended to clarify the intended invention.

Support for claims 12 and 15 is found, inter alia, on page 11, line 27; page 25, lines 6-9 and page 29, lines 22-25. Support for claim 13 is found on page 15, lines 12-19; page 13 line 3; page 14, line 12 and page 20, lines 14-23.

An early and favorable action on the merits is respectfully requested.

Applicant's undersigned attorney may be reached in our New York office by

telephone at (212) 218-2100. All correspondence should continue to be directed to our  
below listed address.

Respectfully submitted,



Attorney for Applicant

Registration No.



FITZPATRICK, CELLA, HARPER & SCINTO  
30 Rockefeller Plaza  
New York, New York 10112-3801  
Facsimile: (212) 218-2200



Application No. 09/973,057  
Attorney Docket No. 35.C15864

VERSION WITH MARKING TO SHOW CHANGES TO CLAIM

3. (Amended) The magnetoresistive film according to Claim 1, wherein said first magnetic layer and second magnetic layer are exchange-coupled with each other and said third magnetic layer and said fourth magnetic layer are exchange-coupled with each other, and wherein magnetization of the second magnetic layer and magnetization of the third magnetic layer are oriented in the perpendicular direction to the film plane by exchange coupling force from the first magnetic layer and from the fourth magnetic layer.